

APPLICANT(S): AIZIKOWITZ, Jacob
SERIAL NO.: 09/775,502
FILED: February 5, 2001
Page 2

REMARKS

The present response is intended to be fully responsive to all points of objection and/or rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Applicants assert that the present invention is new, non-obvious and useful. Prompt consideration and allowance of the claims is respectfully requested.

Status of Claims

Claims 1, 2, 4-9, 12-17 and 30 are pending in the application.

Claims 1, 2, 4-9, 12-17 and 30 have been rejected.

CLAIM REJECTIONS

35 U.S.C. § 103 Rejections

In the Office Action, the Examiner rejected claims 1, 2, 4, 5, 7, 8, 12, and 14-17 under 35 U.S.C. § 103(b), as being unpatentable over USPN 5,895,476 (Orr et al.) in view of USPN 6,826,727 (Mohr, et al.).

As explained in Applicants' response to the previous Office action, the Orr reference teaches producing a plurality of documents having identical content, differing only in layout for different media: "embodiments of the present invention support the automatic integration, composition and layout of content from multiple sources. . ." Orr, col. 2, lines 56-58. The "multiple sources" refers only to different types of data (e.g., "text, pictures, data, graphics. . ." col. 5 lines 35-36), not to different content.

Thus, for example, Orr does not teach "providing a dynamic document template including . . . a data table defining schema for at least one data set . . . and at least one rule for resolving said dynamic object based on said data table . . ." as substantially claimed in claims 1 and 12. There is no data table disclosed by Orr because the documents contemplated to be

APPLICANT(S): AIZIKOWITZ, Jacob
SERIAL NO.: 09/775,502
FILED: February 5, 2001
Page 3

BEST AVAILABLE COPY

produced by the Orr system do not have variable content; thus, there is no data to be filled in the document based on data bases. Moreover, as pointed out previously, Orr merely assigns a single data value to a single dynamic object, it does not teach "at least one rule for resolving said dynamic object based on said data table," as claimed in pending claims 1 and 12.

The Examiner claims to cure these deficiencies by reference to Mohr. However, Applicants respectfully point out that the Examiner's rejection is in error. As explained below, even if one was motivated to combine the teachings of the Orr and Mohr references, all elements of the pending claims would not be found in the combined system and method.

Mohr discloses:

A computerized system lays out document templates represented as a tree of text and shape elements, including variable elements. . . . Both content and attribute values can be mapped into a variable element. Multiple content-mapping rule sets can be used with a given template, and multiple templates can be used with a given content-mapping rule set. The content mapping rules can include data-base queries that vary in response to variable data. . . .

(Mohr Abstract). In particular, as the Examiner states, Mohr discloses:

. . . a computerized system lays out a variable document, represented as a template of layout elements, some of which are variable elements. The system allows a user to select, from among a plurality of stored content-mapping rule sets, a selected set of such rules which are used to map variable values into the variable elements of the template for a given layout. This provides much greater flexibility in the use of a given template, since it allows a template to be used with different rule sets, such as, for example, rule sets which obtain data from different data bases or rule sets which use different selection criteria.

(Mohr, col. 5 lines 18-29). The mapping rules sets referred to by Mohr, however, draw data directly from the data bases. Mohr, therefore, does not teach or disclose a logic component that "includes . . . a data table defining schema for at least one data set," as claimed in pending

BEST AVAILABLE COPY

APPLICANT(S): AIZIKOWITZ, Jacob
SERIAL NO.: 09/775,502
FILED: February 5, 2001
Page 4

claims 1 and 12. Moreover, in the Mohr reference, rules are resolved directly based on the data from the data bases. Hence, there is no teaching of "at least one rule for resolving said dynamic object based on said data table," as claimed in pending claims 1 and 12.

Indeed, the "data table defining schema for at least one data set" in the present claims is one of the elements that allows for modularity of the system. An exemplary embodiment of the data table section in accordance with the present invention may be described as follows:

Data table section 42 comprises logical tables defining the schema of actual data tables or data sets appropriate for use with dynamic document 30. The actual tables are part of instances set 34. The definition of a logical table comprises a table (or set) name and the attributes of the records of the table (or set). The definition of the attributes includes the attribute name and type. There may be a plurality of logical tables in data table section 42, in which case one is considered the main table and is referred to hereinbelow as the key list table. (In certain cases this table may be referred to as the "prime set" or "primary table".)

(Application, page 13, lines 5-13). That is, regardless of the structure of the various data sources, as long as the data set is satisfied, different data source can be used to supply data for resolving the rules without any modification to the rules. This modularity of data is not possible in Mohr and Orr due to the absence of the "data table defining schema for at least one data set."

Accordingly, claims 1 and 12, as well as claims 2, 4, 5, 7, 8, and 14-17, which depend directly or indirectly from claims 1 and 12, are deemed to be allowable.

In the Office Action, the Examiner rejected claims 6 and 13 under 35 U.S.C. § 103(b), as being unpatentable over USPN 5,895,476 (Orr et al.) in view of USPN 6,826,727 (Mohr, et al.), further in view of USPN 6,725,227 (Li).

However, Li cannot rectify the defecits in the Mohr and Orr references. Li does not teach "a data table defining schema for at least one data set" or "at least one rule for resolving said dynamic object based on said data table," as recited in claims 1 and 12, from which

APPLICANT(S): AIZIKOWITZ, Jacob
SERIAL NO.: 09/775,502
FILED: February 5, 2001
Page 5

claims 6 and 13 depend. Therefore, claims 6 and 13, which depend from claims 1 and 12 are deemed to be allowable.

In the Office Action, the Examiner rejected claims 6 and 13 under 35 U.S.C. § 103(b), as being unpatentable over USPN 5,895,476 (Orr et al.) in view of USPN 6,826,727 (Mohr, et al.), further in view of USPN 6,006,242 (Poole).

Poole discloses:

An apparatus and method for dynamically constructing electronic and printable documents and forms. An entity reference is read from a document instance and compared to entity identifiers provided in a catalog containing a plurality of entity identifiers. Each of the entity identifiers in the catalog is associated with an entity resolution process. An inference engine or other entity resolving processor is invoked to effectuate the resolution process associated with a matching entity identifier. The inference engine or entity resolving processor resolves the entity reference to a resolved entity, such as a component of text or graphics to be included in a document. Linking between the document, entity reference, and resolved entity provides for detailed auditing of the entity resolution process. . . .

(Abstract). As explained in response to the previous Office action, Poole does not teach a dynamic document template as recited in claim 1, and in particular, a logic component including "a data table defining schema for at least one data set," or "at least one rule for resolving said dynamic object based on said data table." Accordingly, claim 6, which depends from claim 1 is allowable.

In view of the foregoing amendments and remarks, the pending claims are deemed to be allowable. Their favorable reconsideration and allowance is respectfully requested.

Should the Examiner have any question or comment as to the form, content or entry of this Amendment, the Examiner is requested to contact the undersigned at the telephone

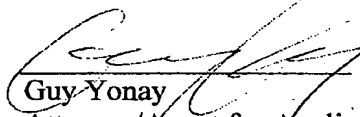
BEST AVAILABLE COPY

APPLICANT(S): AIZIKOWITZ, Jacob
SERIAL NO.: 09/775,502
FILED: February 5, 2001
Page 6

number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

Please charge any fees associated with this paper to deposit account No. 50-3355.

Respectfully submitted,


Guy Yonay
Attorney/Agent for Applicants
Registration No. 52,388

Dated: February 6, 2006

Pearl Cohen Zedek Latzer, LLP
10 Rockefeller Plaza, Suite 1001
New York, New York 10020
Tel: (212) 632-3480
Fax: (212) 632-3489